

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
 Data File : BN038243.D
 Acq On : 02 Dec 2025 01:43
 Operator : RC/JU
 Sample : Q3691-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 02 03:24:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 28 21:04:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

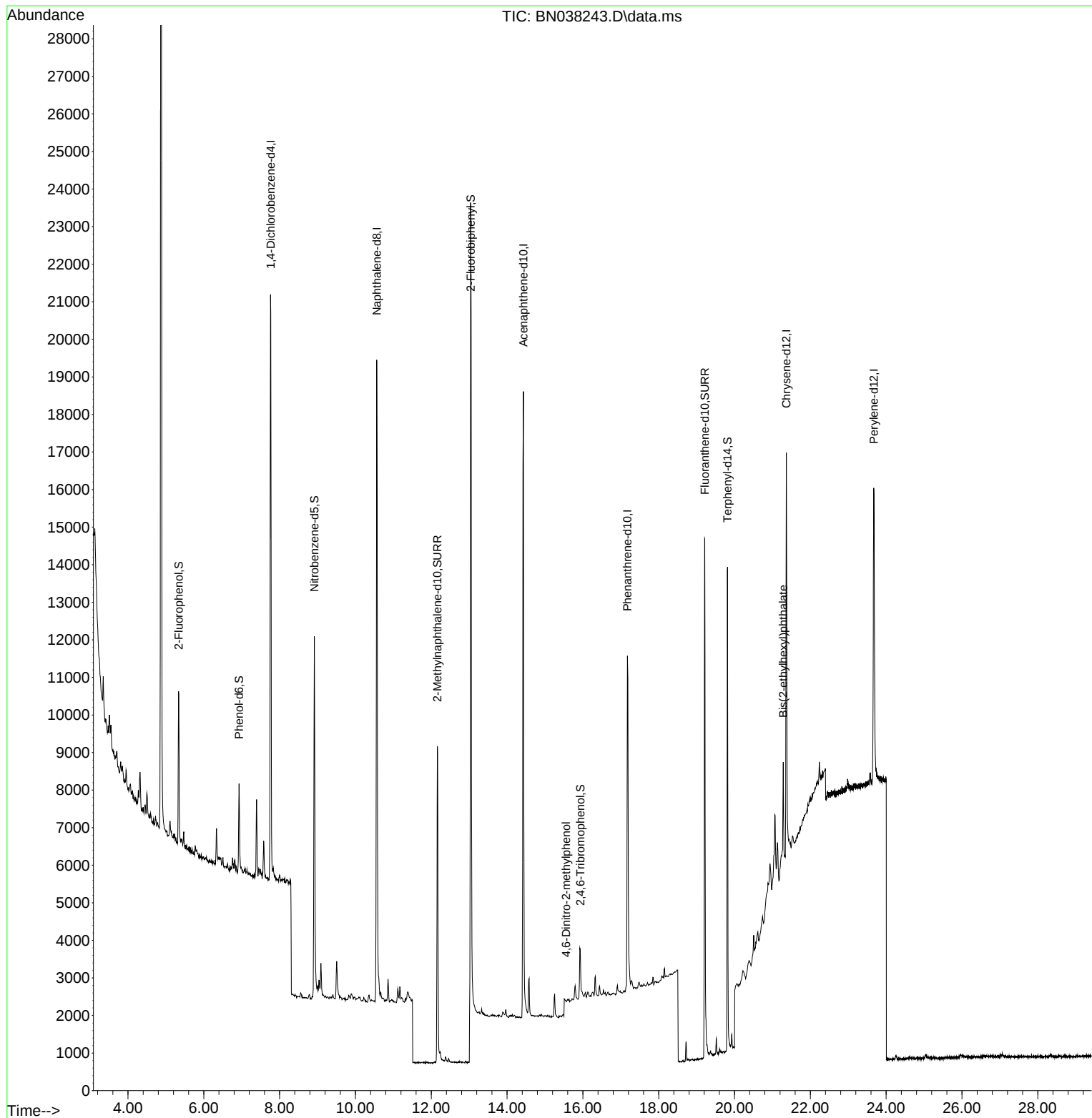
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	8272	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	23888	0.400	ng	#-0.01
13) Acenaphthene-d10	14.430	164	10984	0.400	ng	0.00
19) Phenanthrene-d10	17.173	188	15936	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	11565	0.400	ng	0.00
35) Perylene-d12	23.674	264	11916	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	3360	0.174	ng	0.00
5) Phenol-d6	6.930	99	2376	0.098	ng	0.00
8) Nitrobenzene-d5	8.918	82	8456	0.443	ng	0.00
11) 2-Methylnaphthalene-d10	12.162	152	12748	0.376	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1067	0.309	ng	0.00
15) 2-Fluorobiphenyl	13.041	172	19539	0.461	ng	-0.01
27) Fluoranthene-d10	19.215	212	16359	0.473	ng	0.00
31) Terphenyl-d14	19.815	244	12987	0.486	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.560	198	4	0.175	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.286	149	3661	0.171	ng	# 84

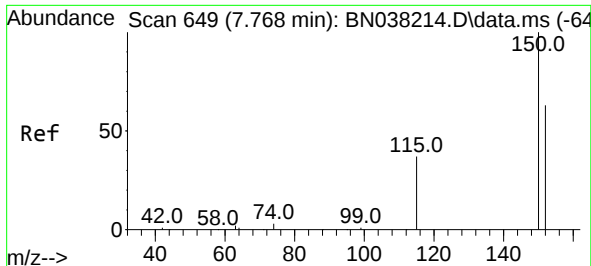
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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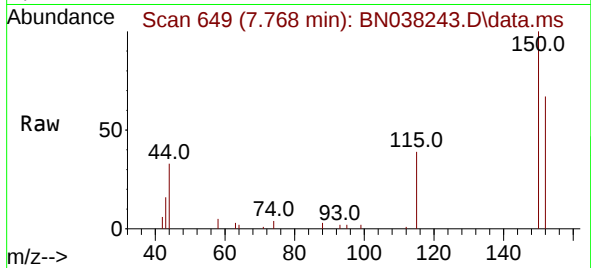
Quant Time: Dec 02 03:24:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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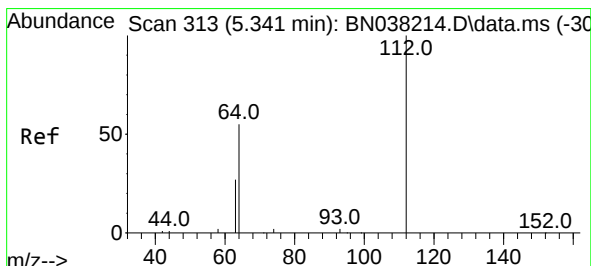
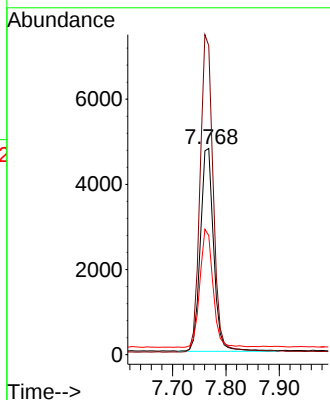
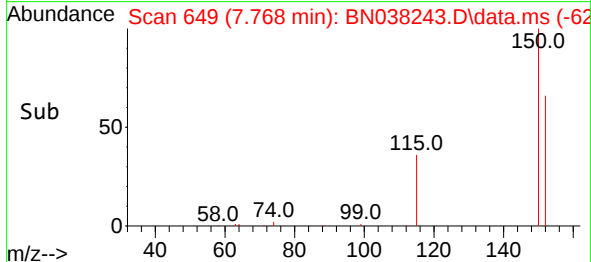


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 649
Delta R.T. -0.000 min
Lab File: BN038243.D
Acq: 02 Dec 2025 01:43

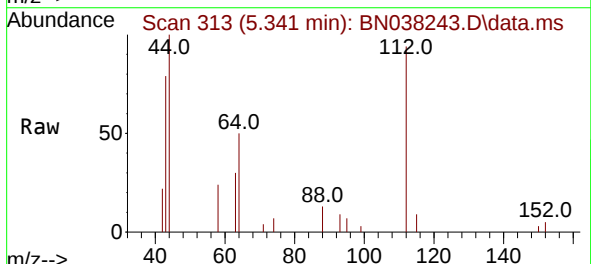
Instrument :
BNA_N
ClientSampleId :



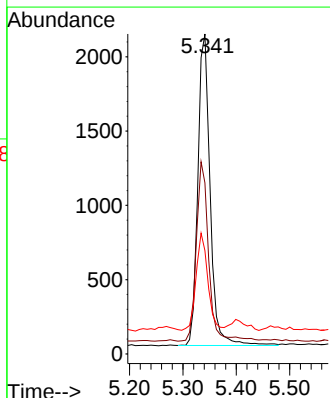
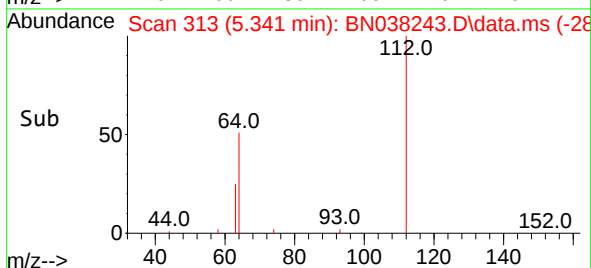
Tgt Ion:152 Resp: 8272
Ion Ratio Lower Upper
152 100
150 149.8 125.3 187.9
115 57.8 49.0 73.4

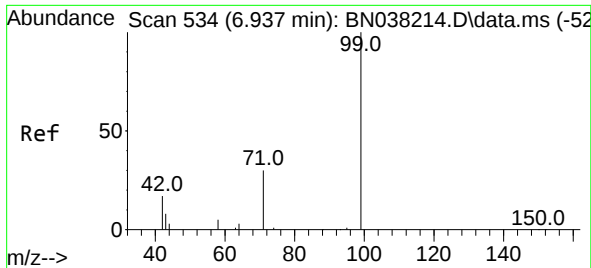


#4
2-Fluorophenol
Concen: 0.174 ng
RT: 5.341 min Scan# 313
Delta R.T. 0.000 min
Lab File: BN038243.D
Acq: 02 Dec 2025 01:43



Tgt Ion:112 Resp: 3360
Ion Ratio Lower Upper
112 100
64 57.7 45.0 67.4
63 29.9 23.2 34.8

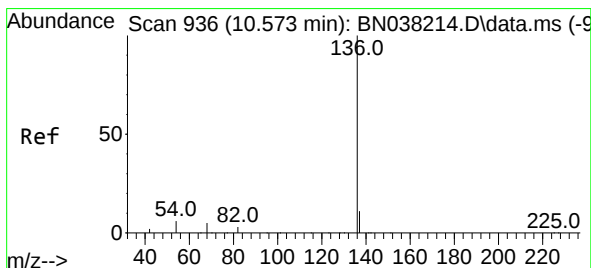
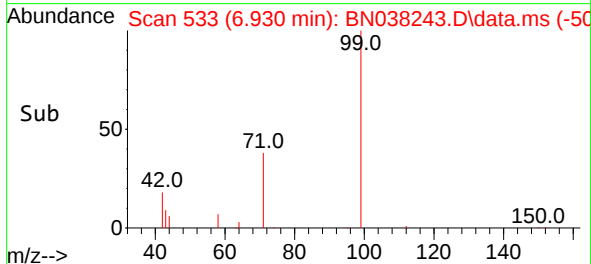
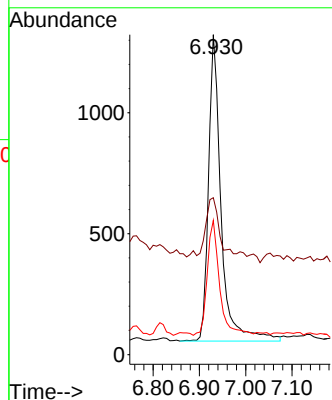
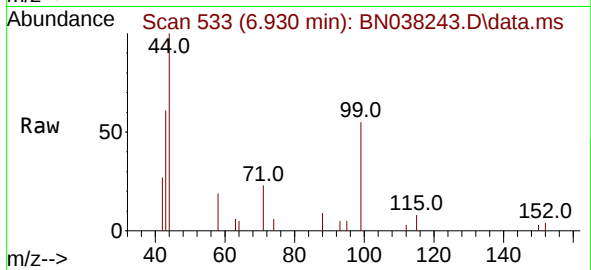




#5
Phenol-d6
Concen: 0.098 ng
RT: 6.930 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN038243.D
Acq: 02 Dec 2025 01:43

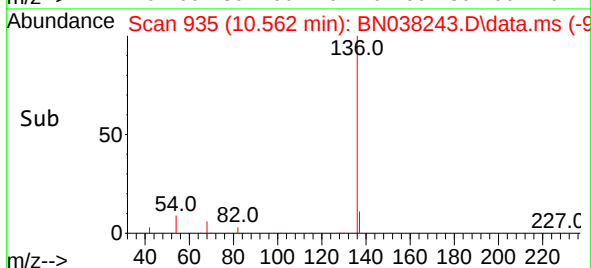
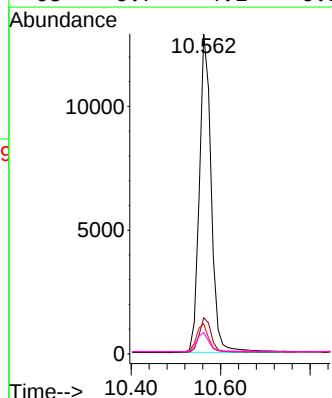
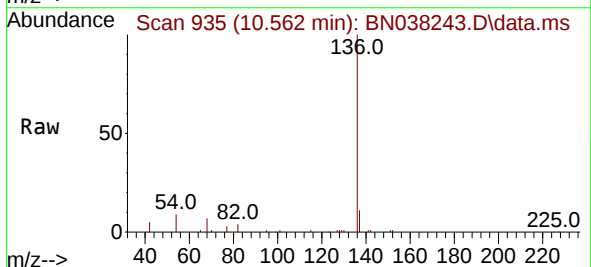
Instrument :
BNA_N
ClientSampleId :

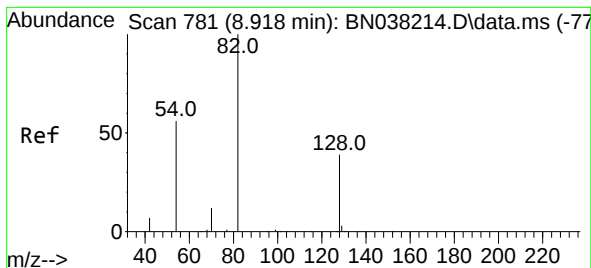
Tgt Ion: 99	Resp: 2376
Ion Ratio	Lower Upper
99 100	
42 20.8	17.0 25.6
71 36.7	25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.011 min
Lab File: BN038243.D
Acq: 02 Dec 2025 01:43

Tgt Ion: 136	Resp: 23888
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 9.4	5.4 8.0#
68 6.7	4.1 6.1#





#8

Nitrobenzene-d5

Concen: 0.443 ng

RT: 8.918 min Scan# 781

Delta R.T. 0.000 min

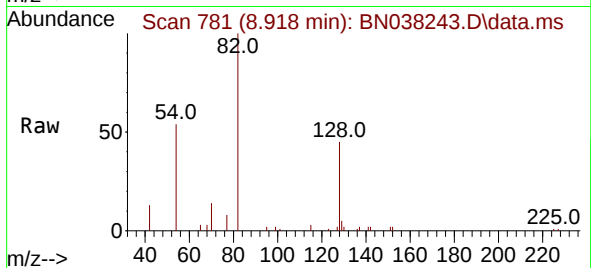
Lab File: BN038243.D

Acq: 02 Dec 2025 01:43

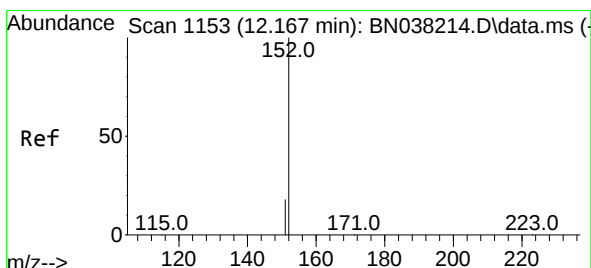
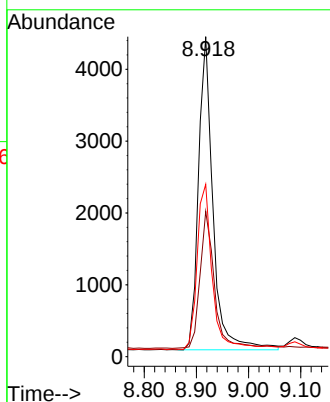
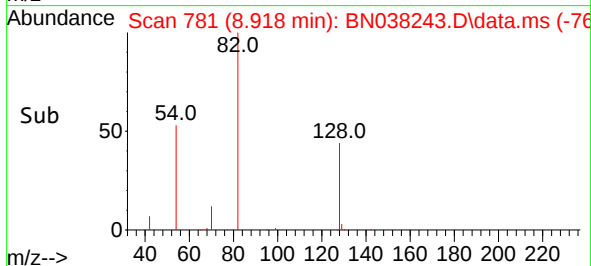
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	82	Resp:	8456
Ion Ratio	Lower	Upper	
82	100		
128	45.4	32.6	48.8
54	53.8	45.4	68.0



#11

2-Methylnaphthalene-d10

Concen: 0.376 ng

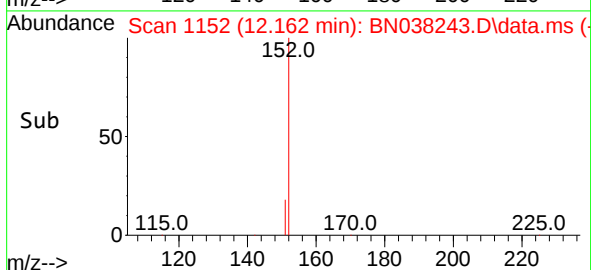
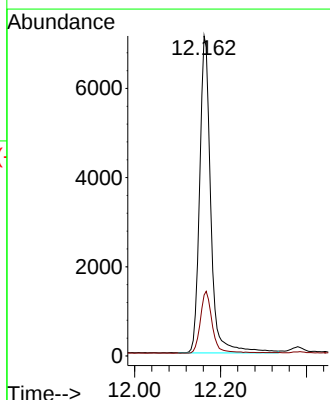
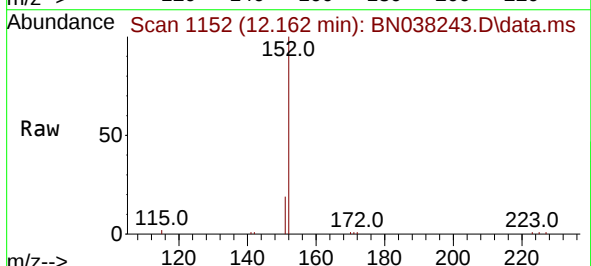
RT: 12.162 min Scan# 1152

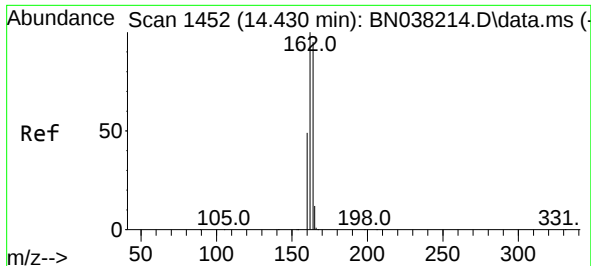
Delta R.T. -0.005 min

Lab File: BN038243.D

Acq: 02 Dec 2025 01:43

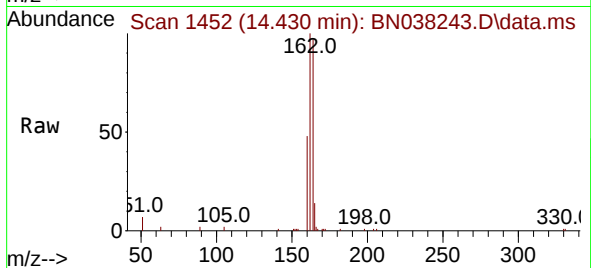
Tgt Ion:	152	Resp:	12748
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.7	25.1



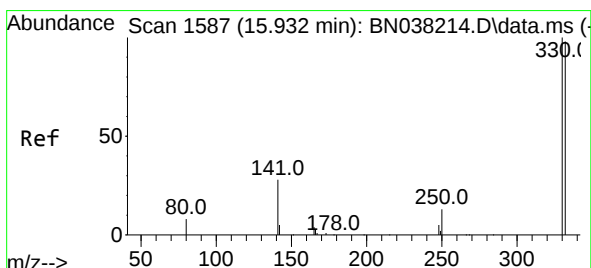
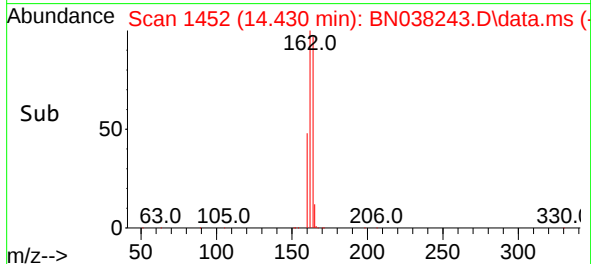
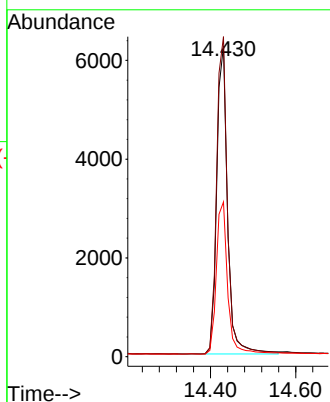


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038243.D
Acq: 02 Dec 2025 01:43

Instrument :
BNA_N
ClientSampleId :

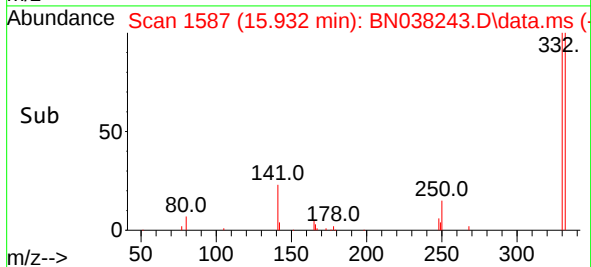
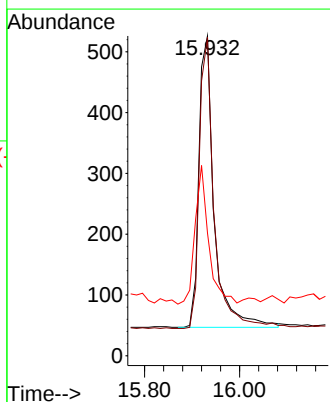
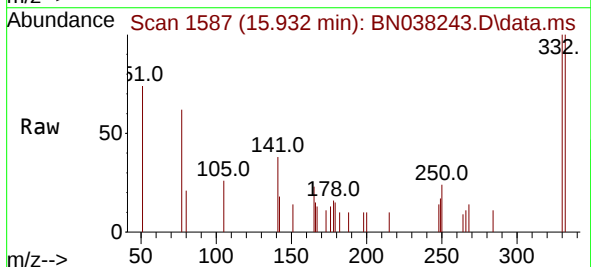


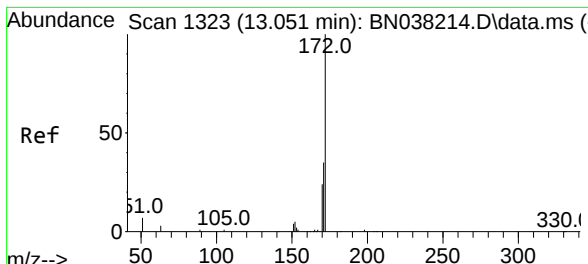
Tgt Ion:164 Resp: 10984
Ion Ratio Lower Upper
164 100
162 103.0 83.8 125.8
160 49.8 41.6 62.4



#14
2,4,6-Tribromophenol
Concen: 0.309 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038243.D
Acq: 02 Dec 2025 01:43

Tgt Ion:330 Resp: 1067
Ion Ratio Lower Upper
330 100
332 97.7 77.8 116.6
141 42.5 33.0 49.4

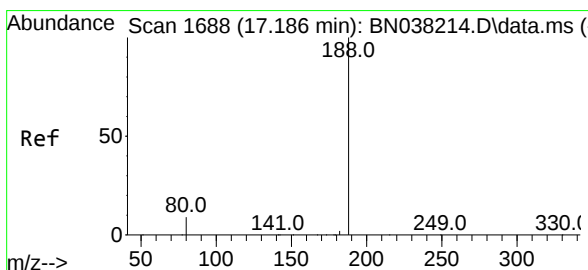
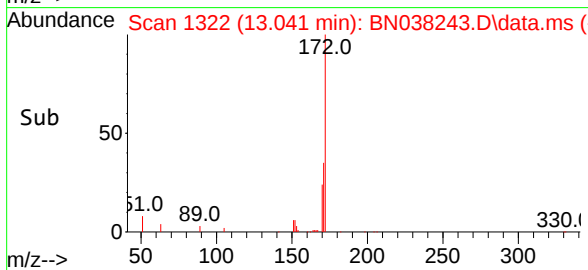
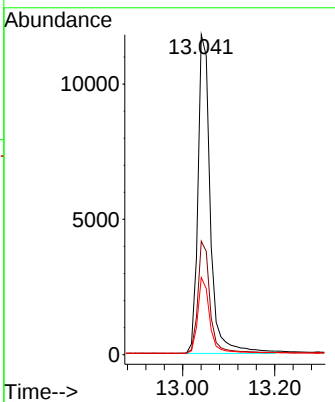
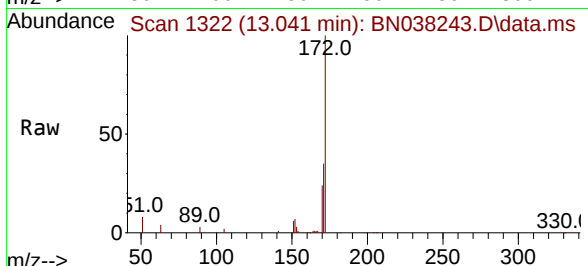




#15
 2-Fluorobiphenyl
 Concen: 0.461 ng
 RT: 13.041 min Scan# 11
 Delta R.T. -0.010 min
 Lab File: BN038243.D
 Acq: 02 Dec 2025 01:43

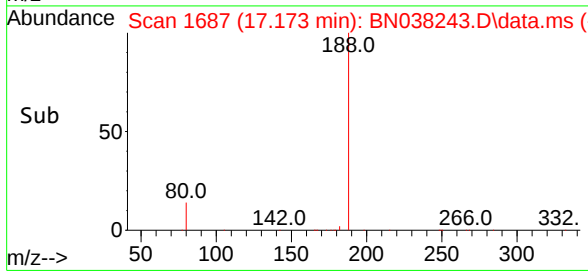
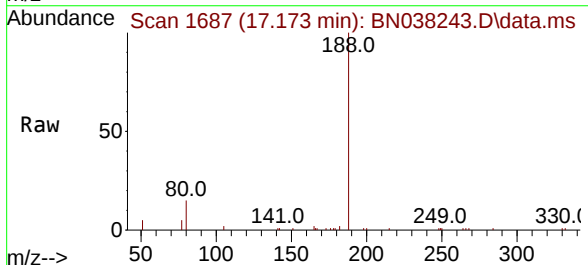
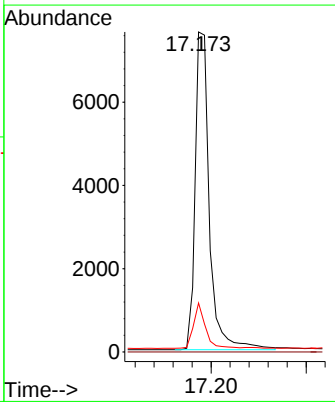
Instrument :
 BNA_N
 ClientSampleId :

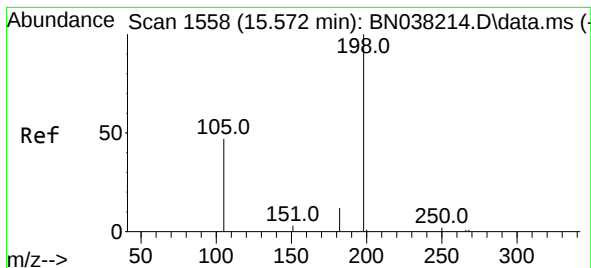
Tgt Ion:	172	Resp:	19539
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.1	42.1
170	24.1	19.1	28.7



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.173 min Scan# 1687
 Delta R.T. -0.012 min
 Lab File: BN038243.D
 Acq: 02 Dec 2025 01:43

Tgt Ion:	188	Resp:	15936
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	15.3	7.7	11.5

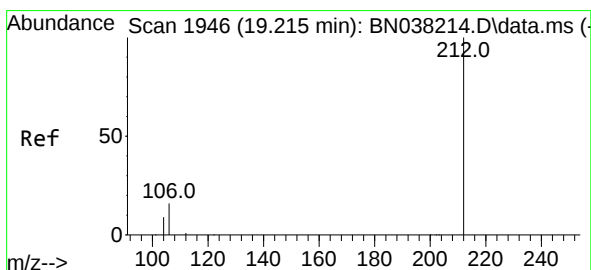
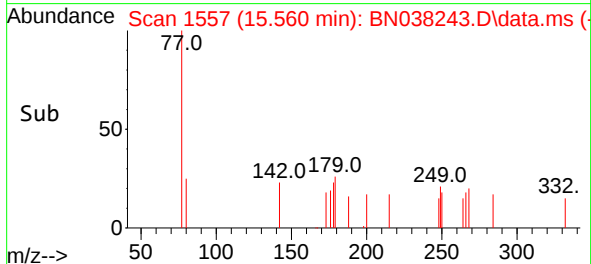
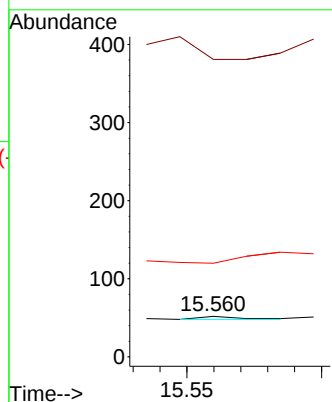
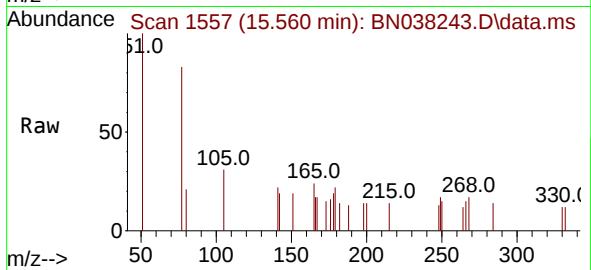




#20
4,6-Dinitro-2-methylphenol
Concen: 0.175 ng
RT: 15.560 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN038243.D
Acq: 02 Dec 2025 01:43

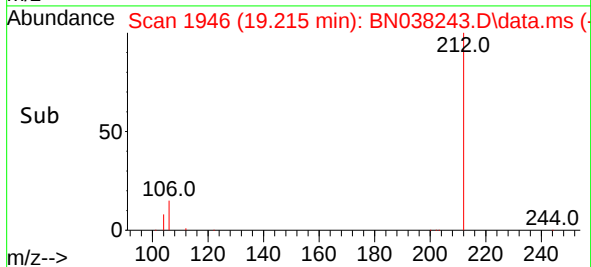
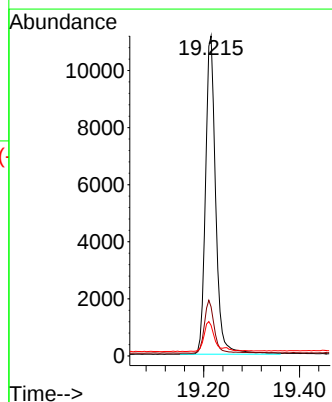
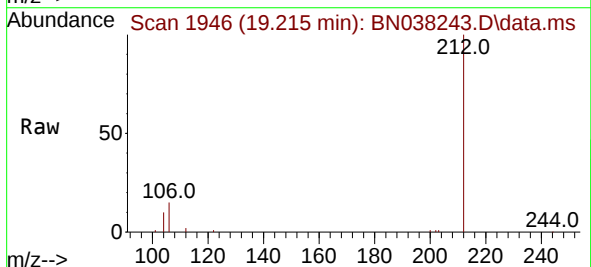
Instrument :
BNA_N
ClientSampleId :

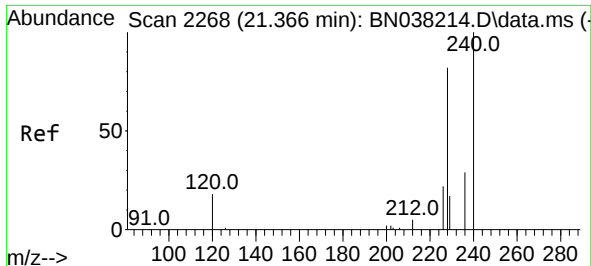
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 732.7 205.1 307.7#
105 230.8 61.6 92.4#



#27
Fluoranthene-d10
Concen: 0.473 ng
RT: 19.215 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BN038243.D
Acq: 02 Dec 2025 01:43

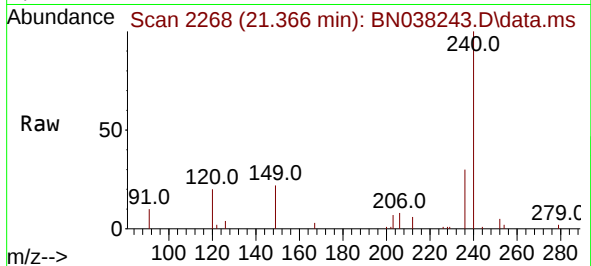
Tgt Ion:212 Resp: 16359
Ion Ratio Lower Upper
212 100
106 16.6 12.7 19.1
104 9.3 7.3 10.9



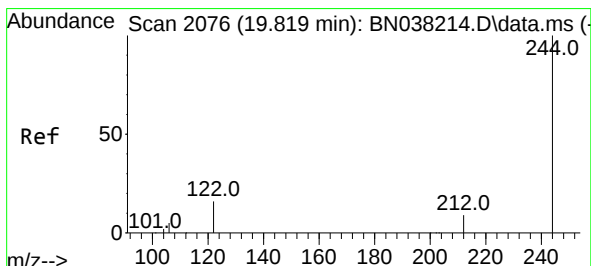
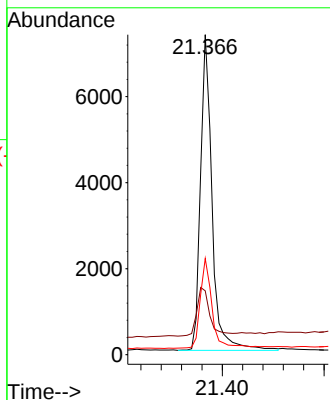
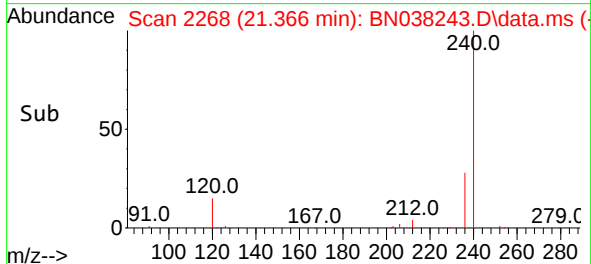


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.366 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038243.D
Acq: 02 Dec 2025 01:43

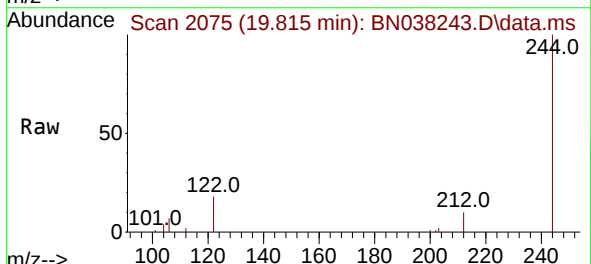
Instrument :
BNA_N
ClientSampleId :



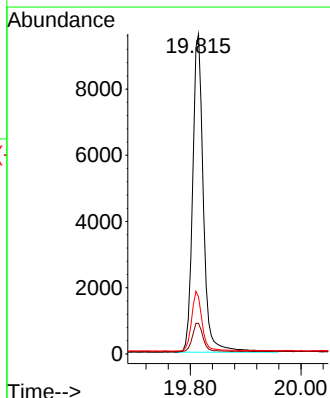
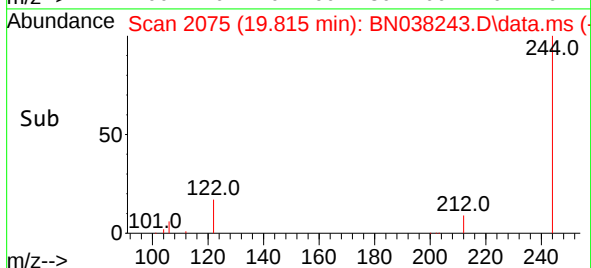
Tgt Ion:240 Resp: 11565
Ion Ratio Lower Upper
240 100
120 20.0 18.1 27.1
236 30.1 24.2 36.4

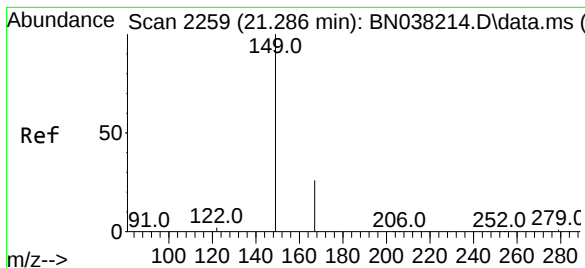


#31
Terphenyl-d14
Concen: 0.486 ng
RT: 19.815 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BN038243.D
Acq: 02 Dec 2025 01:43



Tgt Ion:244 Resp: 12987
Ion Ratio Lower Upper
244 100
212 9.5 7.7 11.5
122 17.8 13.6 20.4

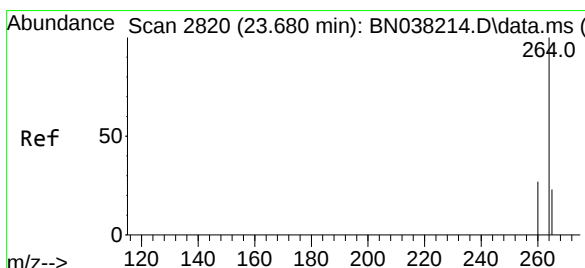
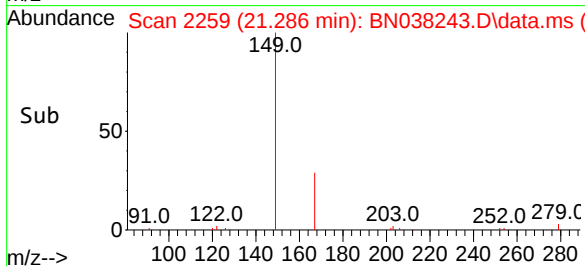
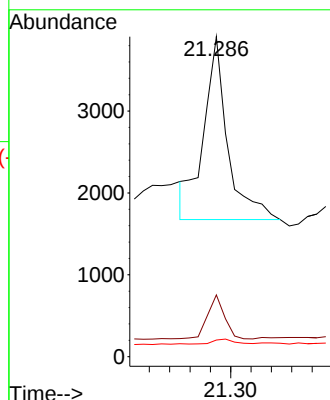
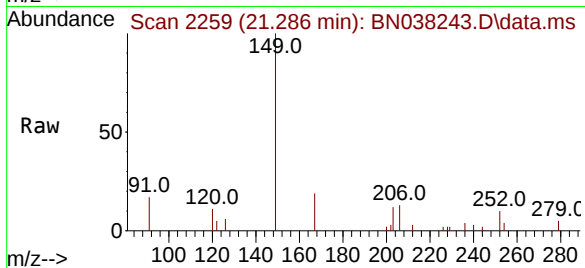




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.171 ng
 RT: 21.286 min Scan# 2118
 Delta R.T. 0.000 min
 Lab File: BN038243.D
 Acq: 02 Dec 2025 01:43

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 3661
 Ion Ratio Lower Upper
 149 100
 167 16.8 20.7 31.1#
 279 2.7 2.5 3.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.674 min Scan# 2818
 Delta R.T. -0.006 min
 Lab File: BN038243.D
 Acq: 02 Dec 2025 01:43

Tgt Ion:264 Resp: 11916
 Ion Ratio Lower Upper
 264 100
 260 27.8 21.7 32.5
 265 116.2 98.0 147.0

